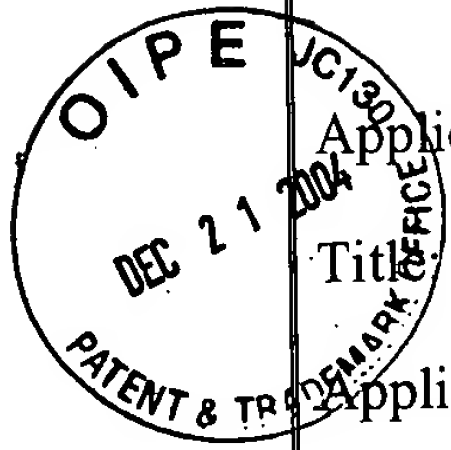


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant: Bradley N. Maker  
Title: Implicit-Explicit Switching for Finite Element Analysis  
Application No.: 09/836,490 Filing Date: April 17, 2001  
Examiner: Proctor, Jason Scott Group Art Unit: 2123  
Docket No.: LSTC.004US0 Conf. No.: 8530

Certificate of Mailing Under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on December 16, 2004

Mary S. Braggi  
Signature

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant calls the document listed on the enclosed Form PTO-1449 to the Examiner's attention in this patent application. A copy of the document listed on the accompanying Form PTO-1449 are enclosed.


Citation of these documents shall not be construed as (1) an admission that the documents are prior art with respect to the invention or inventions claimed in this application, (2) a representation that a search has been made (other than as indicated by any cited document), or (3) an admission that the cited information is, or is considered to be, material to patentability as defined in § 1.56(b).

Attorney Docket No.: LSTC.004US0

Application No.: 09/836,490

This information disclosure statement is submitted under 37 C.F.R. § 1.97(c). Please charge \$180.00 for the information disclosure statement fee under 37 C.F.R. § 1.17(p) against Deposit Account No. 502664, as indicated in the accompanying Transmittal Letter.

Respectfully submitted,

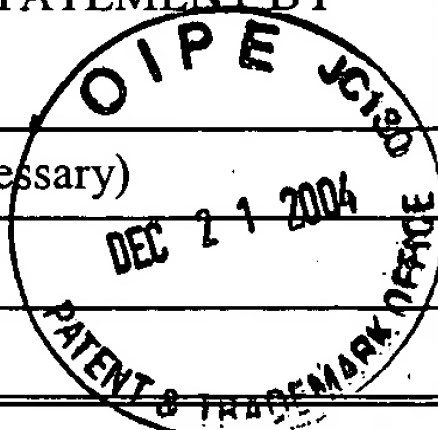
  
\_\_\_\_\_  
Peter G. Mikhail  
Reg. No. 46,930

\_\_\_\_\_  
December 16, 2004

Date

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|   |                  |                 |
|---|------------------|-----------------|
| U.S. Department of Commerce, Patent and Trademark | Atty. Docket No. | Application No. |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT     | LSTC.004US0      | 09/836,490      |
| (Use several sheets if necessary)                 | Applicant        | Conf. No.       |
| (Form PTO-1449)                                   | Bradley N. Maker | 8530            |
|   | Filing Date      | Art Group       |
|   | April 17, 2001   | 2123            |



## U.S. Patent Documents

| *Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate |
|-------------------|-----------------|------|------|-------|----------|----------------------------|
|                   |                 |      |      |       |          |                            |
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|                   |                 |      |      |       |          |                            |
|                   |                 |      |      |       |          |                            |

## U.S. Published Patent Application Documents

| *Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date If Appropriate |
|-------------------|-----------------|------|------|-------|----------|----------------------------|
|                   |                 |      |      |       |          |                            |
|                   |                 |      |      |       |          |                            |

## Foreign Patent Documents

|  |          |      |         |       |          |  | Translation |    |
|--|----------|------|---------|-------|----------|--|-------------|----|
|  | Document | Date | Country | Class | Subclass |  | Yes         | No |
|  |          |      |         |       |          |  |             |    |
|  |          |      |         |       |          |  |             |    |

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |   |  |
|--|---|--|
|  | 1 | Hughes, Thomas J.R., "The Finite Element Method: Linear Static and Dynamic Finite Element Analysis", Prentice Hall, 1987, 2000, pp. iii-682. |
|  |   |  |
|  |   |  |

Examiner

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.